

OPERATING RANGE

This cordless telephone operates within the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and base can communicate over only a certain distance — which can vary with the locations of the base and handset, the weather, and the construction of your home or office. For best performance, keep the base antenna fully upright.

If you receive a call while you are out of range, the handset might not ring — or if it does ring, the call might not connect when you press **PHONE**. Move closer to the base, then press **PHONE** to answer the call.

If you move out of range during a phone conversation, you might hear noise or interference. To improve reception, move closer to the base. If you do not return to the range of the base unit, the call may be dropped.

If you move out of range without pressing **PHONE,** your phone will be left “off the hook.” To hang up properly, walk back into range, periodically pressing **PHONE**.



Power Advantage™ Technology Cordless Telephone HS-8500

Fold open this manual for information about this telephone's installation and operation. Please also read Part 1 - Important Product Information.

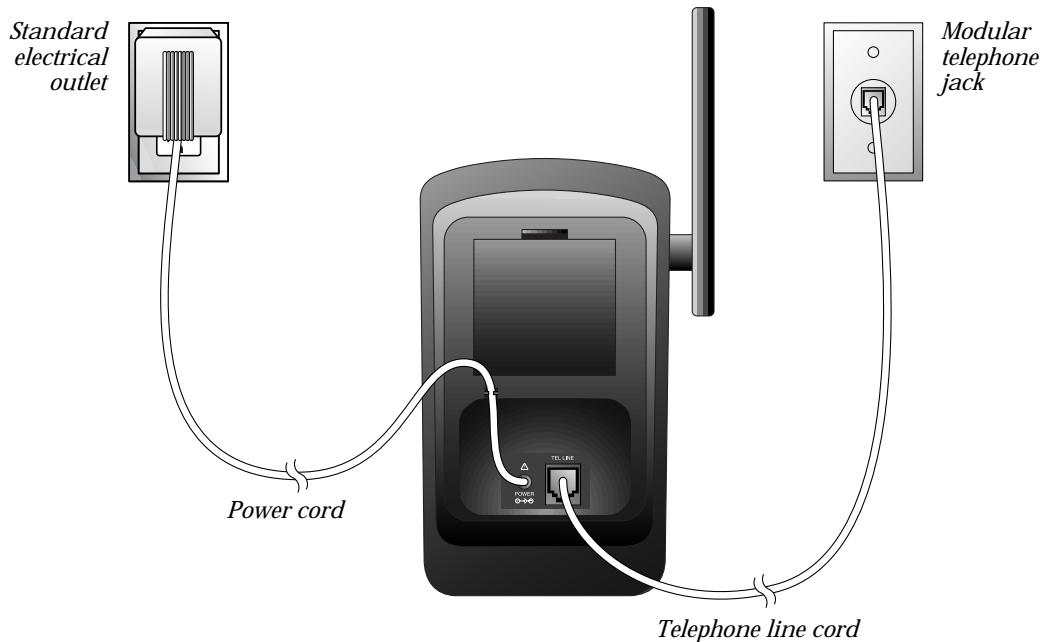


For Customer Service Or Product
Information, Visit Our Website At
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USER'S MANUAL
Part 2



INSTALLATION



1 Choose a spot near an electrical outlet and a telephone jack.

This phone requires a modular telephone jack and a standard electrical outlet (110v AC) not controlled by a wall switch. For better range coverage, install the phone on the the upper-most level of your home.

2 Install the handset battery.

(For an illustration of battery installation, see BATTERIES.)

- Remove the battery cover by pressing on the indentation and sliding downward.
- Place the new battery pack in the compartment. Make sure the metal contacts on the end of the battery are aligned with the charging contacts in the battery compartment.
- Replace the battery cover by sliding it on its track up over the battery compartment until it snaps firmly into place.

3 Connect the telephone line cord.

Plug one end of the telephone line cord into the jack labeled **TEL LINE** on the back of the base. Plug the other end of the line cord into a modular jack. Make sure the plugs snap firmly into place.

4 Connect the power cord.

Plug the power adapter into the jack labeled **POWER** on the back of the base. Loop the cord through the strain-relief groove, and press the cord into the groove on the back of the base. Plug the AC adapter on the power cord into an electrical outlet.

NOTE: Connect power to the base unit before placing the handset in the cradle.

5 Charge the handset battery for four hours.

Place the handset face up or face down in the base. The CHARGING light on the base goes on to show the handset is in the right position to charge the battery.

6 Check for dial tone.

After the battery is charged, pick up the handset. Press **PHONE**; you should hear a dial tone.

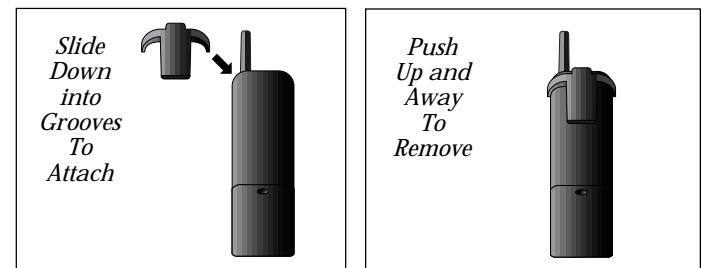
7 Set the dial mode.

If you have touch tone service, the phone is ready to use as soon as the battery is charged.

If you have dial pulse (rotary) service, you'll need to change the dial mode. When the phone is off, press **PROGRAM** (the PHONE light flashes), **# # # 8** to set the dial mode to Dial Pulse. You'll hear a three-beep confirmation. To return to touch tone dialing (with touch tone service), press **PROGRAM**, **# # # 8**.

Belt Clip

If you wish, you can attach the belt clip to the cordless handset, following the illustrations below. (The handset may not be charged in the face-up position if the belt clip is attached.)



BATTERIES

Charging the Handset Battery Pack

This battery should remain charged up to four days with the Ringer turned on and up to 17 days with the Ringer off. A fully charged battery provides an average talk time of up to three hours. Standby and talk times will vary, depending on factors such as how far the handset is from the base, or how much interference the phone encounters.

The battery pack needs charging when:

- A new battery is installed in the handset.
- The phone beeps when you do not press any key.
- The phone beeps four times when you press **PHONE**.
- The phone does not respond when you press **PHONE**.

Place the handset in the base either in the face-down or face-up position so the CHARGING light turns on. The battery pack is typically fully charged in four hours.

You can keep the battery fully charged by returning the handset to the base after each use.

If you repeatedly get a low battery indicator, even after four hours of charging, the battery should be replaced.



CAUTION: To reduce the risk of fire or injury to persons or damage to the telephone, read and follow these instructions carefully:

- Use only Replacement Battery 3500 (SKU# 90817).
- Do not dispose of the battery in a fire. The cell might explode. Check with local codes for special disposal instructions.
- Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm.
- Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
- Observe proper polarity orientation between the battery and battery charger.



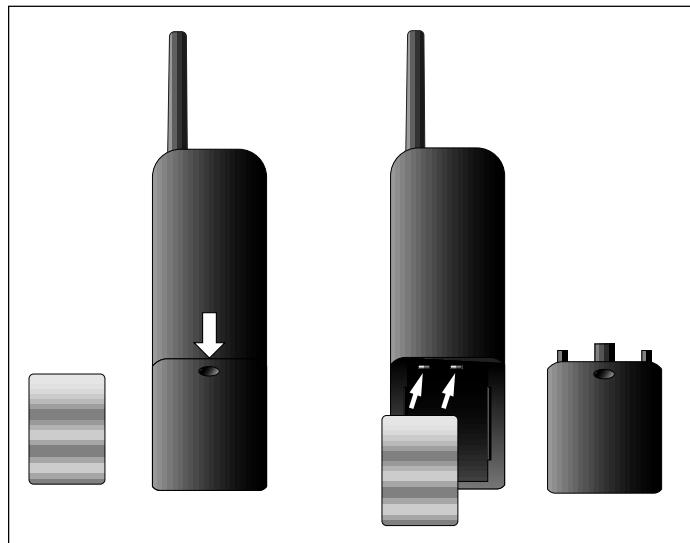
Nickel-Cadmium Rechargeable Batteries

must be recycled or disposed of properly. Do not dispose of in household garbage. If burned, it could explode. If punctured, it could release caustic material which could injure the skin or eyes. If swallowed, it may be toxic.

The RBRC™ seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle Nickel-Cadmium rechargeable batteries when taken out of service within the United States. These batteries may be taken to a participating local retailer of replacement batteries or recycling center. Or, you may call 1-800-8BATTERY for locations accepting spent Nickel-Cadmium batteries.

Replacing the Handset Battery Pack

- 1 **Remove the battery compartment cover** on the handset by pressing on the indentation and sliding the cover downward.
- 2 **Lift out the old battery pack.**
- 3 **Place the new battery pack in the compartment.** Make sure the metal contacts on the end of the battery are aligned with the charging contacts in the battery compartment.
- 4 **Replace the cover** by sliding it on its track up over the battery case until it snaps firmly into place.
- 5 **The new battery pack must be charged before using the phone.** Place the handset face up or face down in the base and allow it to charge for at least four hours. The telephone might operate in as little as 10 minutes, but for best performance, let the battery pack charge fully.



RBRC is a registered trademark of the Rechargeable Battery Recycling Corporation.

BATTERIES



Spare Battery Charger

This phone is equipped with a built-in spare battery charger in the base unit. The spare battery charger allows you to always have a charged battery available should the handset battery charge become low.

NOTE: Do not switch the battery while on a call.

To install the spare battery pack:

(Replacement Battery #3500, SKU# 90817)

- 1 Open the base unit battery compartment.
- 2 Place the spare battery pack in the battery compartment. Make sure the metal contacts on the end of the battery are aligned with charging contacts in the battery compartment.
- 3 Replace the battery compartment cover.
- 4 When the battery is installed properly, the indicator on the base unit will light.
- 5 The spare battery will be fully charged after 16 hours.

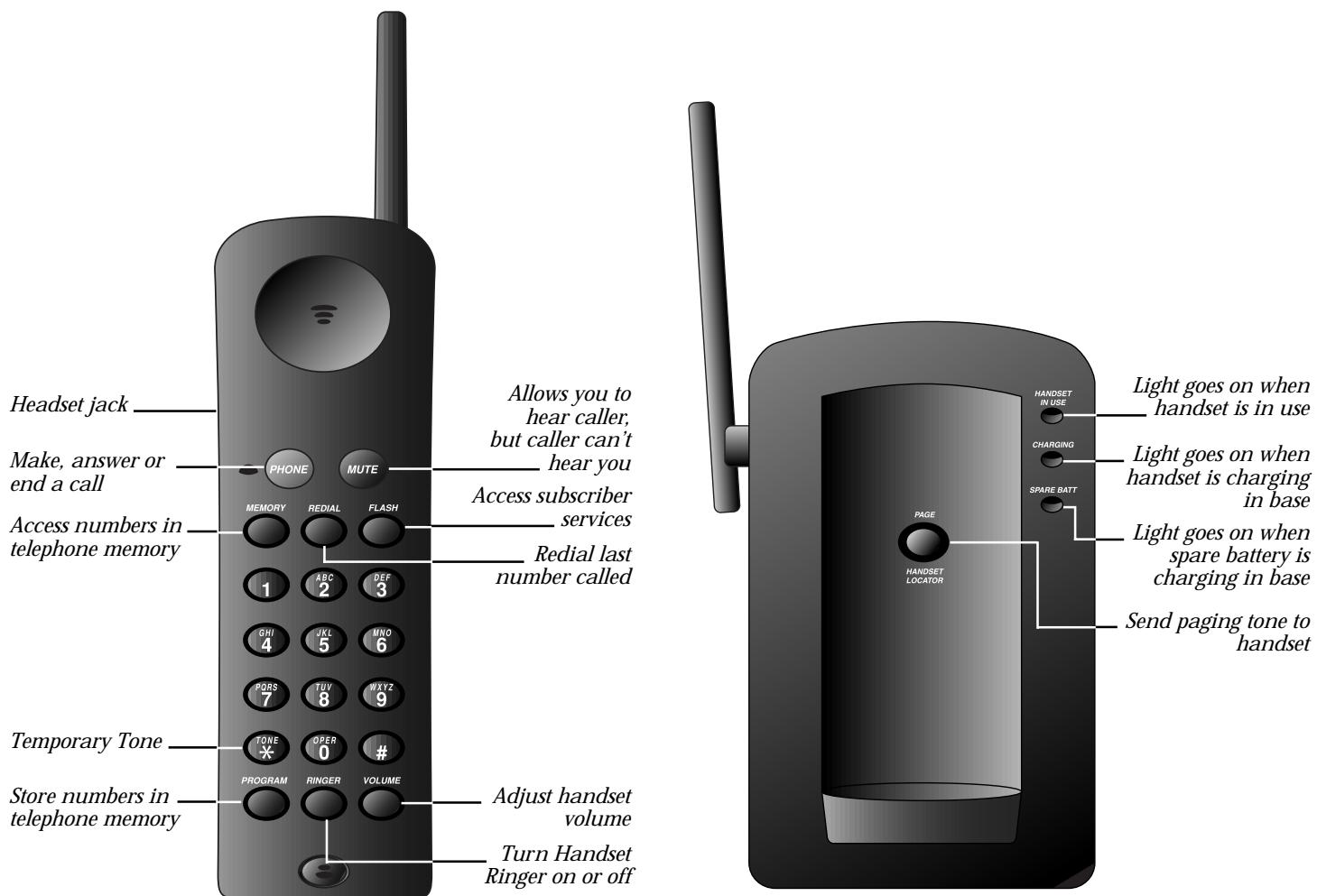
NOTE: The indicator on the base will remain lit as long as there is a spare battery installed in the base. The light does not go out when the battery is fully charged.

Power Failure Operation

This phone is capable of supplying back-up power to the base unit in the event of a power failure. This feature only works when the spare battery is installed in the base unit spare battery charger and is fully charged. When the telephone is operating on back-up power, you may only answer and place calls.

NOTE: The amount of time this phone will operate during a power failure will vary depending on use and spare battery charge level.

TELEPHONE OPERATION



Making a Call

- 1 Press **PHONE** on the handset and wait for the PHONE light to go on steadily.
- 2 When you hear a dial tone, dial the number.

Answering a Call

If the handset is in the base, lift the handset. The PHONE light goes on and the call is connected

— OR —

If the handset is away from the base, press **PHONE** on the handset. The PHONE light goes on steadily and the call is connected.

NOTE: Although ringing stops when you answer, you might not be able to hear the other party until the PHONE light goes on steadily. During a power failure, you may need to press **PHONE** to answer a call.

Ending a Call

Press **PHONE** on the handset
— OR —
Place the handset in the cradle.

Redial

The last number dialed on this phone (up to 24 digits) is stored in redial memory until you dial another number.

- 1 Press **PHONE**.
- 2 Wait for the dial tone and for the PHONE light to go on steadily.
- 3 When you hear a dial tone, press **REDIAL**.

Mute

Mute allows you to hear your caller, but prevents the caller from hearing you.

- 1 Press **MUTE** while on a call. The MUTE light goes on.
- 2 To return to your conversation, press **MUTE** again. The MUTE light goes off.

TELEPHONE OPERATION

Handset Ringer Selection

You can select from four different handset ringer styles. You can also turn the Ringer off.

- 1 Make sure the PHONE light is off.
- 2 Press **PROGRAM**, **RINGER**.
- 3 Press **1**, **2**, **3** or **4** to select your ringer style. You will hear a sample of the ringer style.
- 4 Press **PROGRAM**.

Ringer Off/Battery Save

- 1 Make sure the PHONE light is off.
- 2 Press **PROGRAM**, **RINGER**.
- 3 Press **0** to turn the Ringer off.
- 4 Press **PROGRAM** (you'll hear a three-beep confirmation).
- 5 To turn the Ringer on again, press and release **RINGER**.

NOTE: *This handset does not have an indicator to show the Ringer is off.*

Handset Volume

The handset volume can be set to five different levels. Each time you press **VOLUME** on the handset, the level of what you hear through the handset changes. When you reach the highest level, you'll hear three short beeps. Changing this setting does not affect what the other party hears.

Temporary Tone

NOTE: *If you have touch tone service, you do not need to use the Temporary Tone feature.*

If you have dial pulse (rotary) service, this feature allows you to enter codes or tones needed to operate answering machines, or use electronic banking services, calling cards, and other special services. This feature will operate most special services; however, some services may actually require a touch tone line. To be sure, ask the company that provides the special service.

- 1 Dial the call, then press **FLASH**. Any buttons pressed after this send tone signals.
- 2 After you hang up, the phone automatically returns to dial pulse (rotary) dialing.

Special Telephone Services

If you subscribe to special local telephone company services like Call Waiting or Call Forwarding, you can access them by pressing **FLASH** whenever you would press the switchhook on a corded phone.

Page

The Page feature allows you to signal someone at the handset from the base.

- Make sure the **HANDSET IN USE** light is not lit on the base.
- Press **PAGE/HANDSET LOCATOR** on the base. A three-part paging tone will sound at the handset.

NOTE: *When the handset is in use or the Ringer is off, the Page and Handset Locator features are inactive.*

Handset Locator

This feature is useful if you misplace the handset.

To locate the handset using this feature: Press and hold **PAGE/HANDSET LOCATOR** on the base for approximately four seconds. A repeating paging tone is sounded in the handset.

To cancel the Handset Locator feature: Press any button on the handset or **PAGE/HANDSET LOCATOR** on the base. This feature turns itself off in approximately three minutes if you haven't turned it off before then.

NOTE: *You can press **PHONE** at any time to cancel this feature and make or answer a call.*

Headset Jack

You can use this telephone hands-free when you install the 2.5 mm headset.

- 1 Plug the headset into the jack located on the left side of the handset. Do not force the connection, but make sure the plug fits securely.
- 2 Follow instructions under "Making a Call" or "Answering a Call."
- 3 If you wish, attach the belt clip (see "Belt Clip" in the INSTALLATION section of this manual).

NOTE: *The earpiece and microphone on the handset are disabled when the headset is plugged in. You cannot place the handset in the cradle when the headset is attached.*



TELEPHONE MEMORY

The phone numbers you store in memory are saved when you change the handset battery, or in the event of a power failure. This cordless phone can store 20 telephone numbers that you can dial just by pressing **[MEMORY]** and a number button.

Storing Memory Numbers

- 1 Make sure the PHONE light is off.
- 2 Press and release **[PROGRAM]**. The PHONE light blinks.
- 3 Enter the number you want to store (up to 24 digits)
— OR —
Press **[REDIAL]** to store the last number dialed.
- 4 Press **[MEMORY]**.
- 5 Enter a memory location (01–20). The handset sounds a tone to confirm the number has been stored.

NOTE: You can use the self-adhesive directory label to keep a record of telephone numbers stored in memory locations. It's best to write on the label before applying it to the phone.

Changing/Replacing Stored Memory Numbers

You can change or replace a stored number by storing a new number in its place.

Storing a Pause in a Memory Number

While storing a number in memory, hold down the button of the number that comes before the pause until you hear a second beep. This inserts a two-second pause after that digit. To insert a longer pause, hold the button down until you hear a third or fourth beep. Each time you hear a beep, the pause is two seconds longer.

For example, to store 9, PAUSE, 555–0123 in memory location 3: Press **[PROGRAM]**, **[9]** (hold until the second beep), **[5] [5] [5] [0] [1] [2] [3]**, **[MEMORY]**, **[0] [3]**.

Dialing Memory Numbers

- 1 Press **[PHONE]**.
- 2 Press **[MEMORY]**.
- 3 Enter the memory location (01–20) of the number you're calling.

Erasing Memory Numbers

- 1 Make sure the PHONE light is off.
- 2 Press and release **[PROGRAM]**. The PHONE light blinks.
- 3 Press **[MEMORY]**, then enter the memory location (01–20) you want to erase. The handset sounds a tone to confirm the number has been erased.

IN CASE OF DIFFICULTY

If you have difficulty operating this phone, try the suggestions below. If you still have trouble, call 1 800 222-3111, or visit our website at www.telephones.att.com. Please retain your receipt as your proof of purchase.

If the phone doesn't work at all, check these items first:

- Make sure the AC adapter is plugged into an outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the base unit and the modular jack.
- Make sure the base antenna is fully upright.
- If the handset does not beep when you press **PHONE**, the battery might need charging.
- Make sure the battery pack is installed correctly.
- If you have dial pulse (rotary) service on your phone line, make sure the dial mode is set to Dial Pulse (see INSTALLATION).

If the above suggestions don't solve the problem, try re-initializing the handset and base:

- 1 Disconnect the power to the base.
- 2 Remove the handset battery pack.
- 3 Wait a few minutes.
- 4 Connect the power to the base.
- 5 Insert the handset battery pack.
- 6 Put the handset in the base to re-initialize.

If you hear a two-beep signal when you try to use the handset:

- You might be out of range. Move closer to the base and try again.
- If moving closer to the base doesn't help, try following the directions above for re-initializing the handset and base.

If you hear "popping" or "clicking" when using the phone:

- Make sure the base antenna is fully upright.
- You may be out of range. Move closer to the base.
- Household appliances plugged into the same circuit as the base can sometimes cause interference. Try moving the appliance or the base to another outlet.
- The layout of your home or office might be limiting the operating range. Try moving the base to another location, preferably on an upper floor.
- If the buttons don't work, try placing the handset in the base for at least 15 seconds.

If the phone does not ring when you receive a call:

- Make sure the handset Ringer is on. (Press **RINGER** to turn Ringer on.)
- Make sure the telephone line cord is connected firmly to the base and the telephone jack.
- Make sure the AC adapter is plugged firmly into an outlet not controlled by a wall switch.
- You might be too far from the base; move closer.
- You might have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of them.

If you hear other calls while using your phone: Disconnect the base from the modular jack and plug in a corded telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone service company.

If you are unable to operate special telephone services or other equipment requiring touch tone signals:

If you have dial pulse (rotary) service, follow the directions under "Temporary Tone" in the TELEPHONE OPERATION section of this manual.